## **Every Drop Matters**







The precipitation transmitter measures rainfall quantity and intensity with unparalleled precision.

By combining cutting-edge weighing technology with a selfemptying collection system, it achieves exceptional accuracy in a compact design. Unlike traditional systems, it utilizes a combination of a high-precision weighing cell with overload protection and a well-proven tipping bucket mechanism. Error correction is achieved by real-time processing of the tipping bucket pulses, and the selfemptying mechanism without a tank ensures uninterrupted weighing.



The instrument combines cutting-edge weighing technology in a very small space with a self-emptying collection vessel. The system provides excellent resolution and high precision. The weighing precipitation transmitter is suited for use in meteorological and hydrological monitoring networks as well as applications in the area of environmental monitoring. Modbus RTU-interface facilitates installation of the sensor and its easy integration into networks. The device is WMO-compliant and is equipped with interfaces which are compatible with sensors with tipping bucket models or weighing systems. Other features are the compact, robust design, a very low weight, stainless steel housing, weather resistance and longevity. High connectivity is ensured by multiple interfaces as well as easy installation and maintenance.



